



JB 105

Junction Box

FEATURES

- From the Vibro-Meter® product line
- Die-cast aluminium enclosure
- Protected against mechanical damage, water and dust: IP65 protection rating



DESCRIPTION

The JB 105 junction box is suitable for connecting the integral cable of an accelerometer, for example, from the Vibro-Meter CA xxx or CE xxx series, and a signal transmission cable.

It is recommended to use a permanently installed junction box to make and protect the connection

between a transducer and its extension cable, which goes to a remote monitoring rack.

The cables are fed into the junction box via stuffing glands. The cable ends are then screwed to terminal blocks, to easily create a permanent connection.



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SPECIFICATIONS

GENERAL

Material	: Die-casting
Cover	: Sealed by neoprene gasket
Colour	: Acrylic blue grey (similar to RAL 7000)
Mounting	: M4 x 16 mm Allen head screws
Dimensions	: See the Mechanical drawing

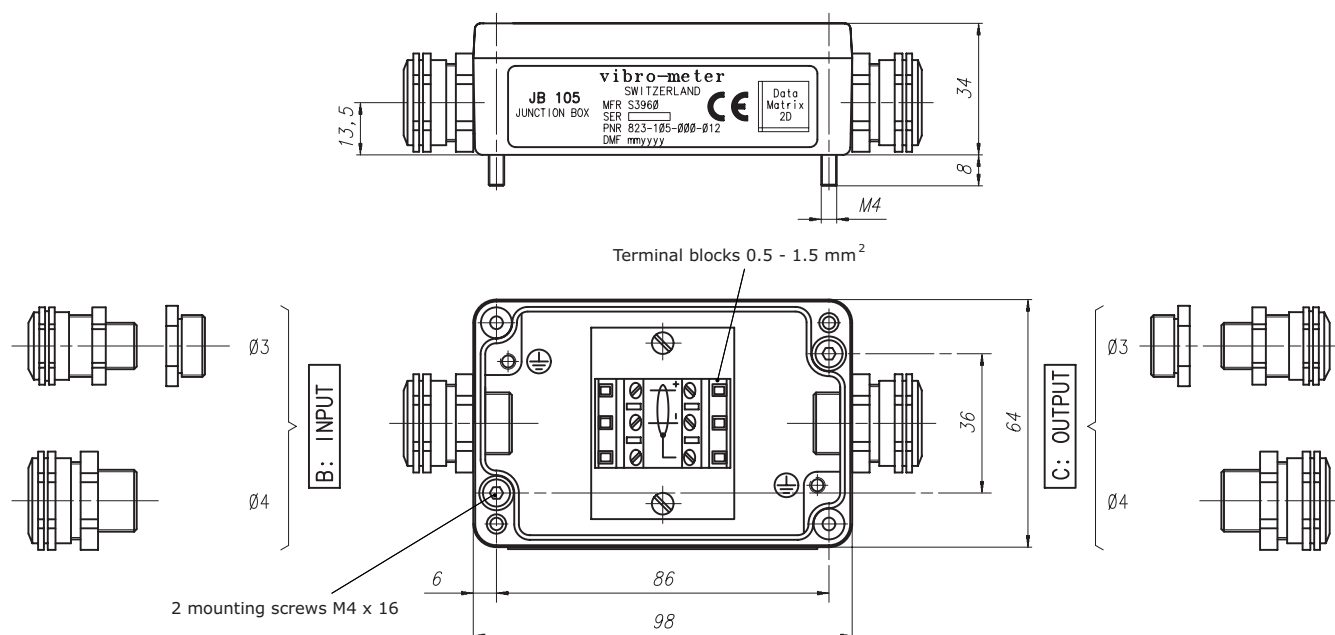
INPUT / OUTPUT STUFFING GLANDS

Material	: Nickel-plated brass
Seal	: Viton®

ENVIRONMENTAL

Protection rating	: IP65 according to DIN 40050
Temperature range	: -20°C to +90°C

MECHANICAL DRAWING



Note: all dimensions in mm unless otherwise stated.

ORDERING INFORMATION

Ordering Number: 823 - 105 - 000 - 012 - B1 - C1

INPUT CABLE FITTING (B)	
Cable gland M12 x 1.5 for cable Ø4 - Ø8 mm	03
Cable gland M16 x 1.5 for cable Ø6 - Ø11 mm	04

OUTPUT CABLE FITTING (C)	
Cable gland M12 x 1.5 for cable Ø4 - Ø8 mm	03
Cable gland M16 x 1.5 for cable Ø6 - Ø11 mm	04

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Meggitt Sensing Systems is the operating division of Meggitt specializing in sensing and monitoring systems, which has operated through its antecedents since 1927 under the names of ECET, Endevco, Ferroperm Piezoceramics, Lodge Ignition, Sensorex, Vibro-Meter and Wilcoxon Research. Today, these operations are integrated under one strategic business unit called Meggitt Sensing Systems, headquartered in Switzerland and providing complete systems, using these renowned brands, from a single supply base.

The Meggitt Sensing Systems facility in Fribourg, Switzerland was formerly known as Vibro-Meter SA, but is now Meggitt SA. This site produces a wide range of vibration and dynamic pressure sensors capable of operation in extreme environments, leading-edge microwave sensors, electronics monitoring systems and innovative software for aerospace and land-based turbo-machinery.



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